

PVC Pipe Production and Plumbing Supplies Project

Project Summary

Subsector

Light Manufacturing

Location

Kabul, Afghanistan

Project Cost

US \$500,000

Project Type

PVC Pipe Production and Plumbing Supplies

Project Executing Firm/Agency

Mohammad Akbar Hussainkhil Company

Funding Agency

Not Identified



Project Outline

Mohammad Akbar Hussainkhil is an Afghan businessman who imports and distributes PVC pipes and fittings. His clients include local and international NGOs developing irrigation projects. Hussainkhil has found that products from neighboring countries are of poor quality and that fittings are often of inconsistent sizes.

Presently, there are no local producers of irrigation or plumbing supplies, and there is a shortage of necessary sizes of PVC piping. Hussainkhil plans to construct a manufacturing facility to fill this market niche. Initially, the company would produce PVC pipes for irrigation, water, and sanitation. As the business grows, Hussainkhil plans to examine the viability of producing other products such as toilet bowls, sinks, and fixtures. The rehabilitation of houses and factories that were stripped of their plumbing fixtures is increasing the demand.

Technical Description

The project sponsor initially wants to produce PVC piping class A, B, and C for plumbing and Class D and E for water and sanitation purposes in sizes ½", 1", 2", 4", 6", 8", 9", and 12".

It is expected that the project will require the construction of four buildings, each with an area of 400 square meters.

Rather than procuring raw materials from regional sources, it is expected that raw materials will be purchased from Finland or the Netherlands.

Project Site

The promoter has access to a subsidized, one-hectare site in the Kabul Industrial Area.

Project Status/Timeline

Formal government approval has been secured, and the project promoter intends to move forward with the project in the next few months. Hussainkhil is seeking a strategic investor as well as meetings with U.S. suppliers of PVC pipe production equipment.

Equipment and Services

Equipment and services required for this project:

- Production equipment required to produce varying sizes of PVC pipes:

- Profile prescription system;
- Parallel twin screw extruder;
- Vacuum and spray;
- Cooling tank;
- Puller machines;
- Printing mark machine;
- Rotary chambering;
- Cut-off machine;
- Auto in-line bellowing machine; and
- Bundler and transfer conveyor.

- Four industrial buildings
- Technical production services

U.S. Competitiveness

Hussainkhil has a predisposition towards sourcing equipment from an American supplier.

Project Financing

The promoter is actively looking for a strategic partner to participate in the project. The project has been approved by the government and the serviced land is available. The promoter will contribute finances to the proposed project, but will require further financing to implement the development project.

Key Decision Makers

Organization or Company Name	Mohammad Akbar Hussainkhil Company
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